

EXPLANATION

Qas
Ash and soil cover
UNCONFORMITY

Tvl Tvp Tvu
Lavas and pyroclastic deposits

Tab
Andesite or basalt dikes

Predominantly lava and flow breccia, but includes minor pyroclastic deposits, Tvl; predominantly pyroclastic deposits (tuff and breccia), but includes minor sedimentary rocks, lava, and flow breccia, Tvp; lava and pyroclastic deposits undifferentiated, Tvu, on untraversed coast-line

Predominantly breccia

Predominantly tuff

Pillow lava

Contact
Dashed where approximately located

Fault
Dotted where concealed; U, upthrown side; D, downthrown side

Strike and dip of beds

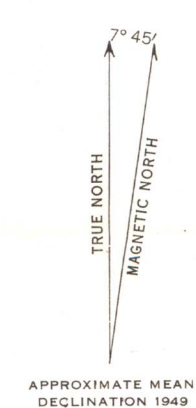
Generalized strike and dip of poorly bedded rocks

Strike and dip of flow layers

Strike of sheared and silicified fault zone

Fractured and silicified area

DEPARTMENT OF MINES
RECEIVED
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ANCHORAGE, ALASKA



Topography and hydrography from U. S. Coast and Geodetic Survey, 1949

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
MR 3726

Geology by G. D. Fraser and B. H. Bieler, 1952

GEOLOGIC MAP OF KAVALGA ISLAND, DELAROF ISLANDS, ALEUTIAN ISLANDS, ALASKA

Scale 1:25,000

1 0 2 Miles

Contour interval 50 feet with supplementary contours at 25-foot intervals
Datum is mean sea level

Hydrographic contours in fathoms
Datum is mean lower low water
Shoreline is line of mean high water
Dotted line shows limit of partly exposed rock bench